

Fig. 1A

TCAAGTTTGAA~~G~~GGATGGGAA~~G~~TGTGGAAA~~G~~TTCAACTGCTAGACGATTCCATCA
AATT~~T~~ATTCTCAGTCATAATCATCAAATGTAGAGAGATTATAAA~~A~~ATGTGGATCACTTCA
TAGTCCACAATCAAGGAAGTTCTACCTTTGCTATGGTATGAAGAAACTTCACACTCCAT
GTCA~~C~~CTATTTCAC~~T~~ACACATTATTGTTGTATATCTATIGGTCTTACCTTGAGGAC
CGGAC~~C~~AGGA~~A~~CTAATTTGTATATACTAGT~~G~~ATCAGTTGTGGATGGATGCAATCATGTCTT
CAGTCAGACTTGGTGTGTAGGGAA~~A~~ATATCATTGTATTAA~~C~~AGCCACTCAAACA
TTCAATTAA~~T~~TCACCGAG~~T~~CTATTATTCTAAAAA~~A~~AAAAA~~A~~

Fig. 1B

MEMPGFRSDY~~S~~LLSQIFD~~E~~EVGTGASTSFYDSVAAGGNVIKGRTDFVFLWEGSGDHRLNTQA
YRIGNLYSWIGLQRHSSGSSYDDSSLSSDY~~Y~~APTLSNPAANEINALEYI~~L~~DDFRVMKAVGS
GGSSGKSWAQ~~Q~~TEESFQLQQPLVLF~~L~~SS~~E~~XTCADDPMFDPIPDEAALRSISI~~S~~AEAISHRF
WVNGCM~~S~~YLE~~V~~PDGFYL~~I~~HGMDPYWSLCTNLQEDCRIPSFESLKTVDSSIGSSIEVVLID
RHSDASL~~K~~ELQNFVHN~~I~~SSSCVTTKEVADHI~~A~~KLVCNHLGGSVSEGEDDLVSAWKECSDDLK
ECLGSAV~~I~~PLC~~S~~LSVGLCRH~~R~~ALLFKVLADSI~~D~~LP~~C~~RIAKGCKYCTR~~D~~DASSCLVR~~F~~GLDRE
Y~~L~~IDLIGRP~~G~~CLCQPDSLNGP~~S~~SISSPLRF~~P~~RLKPIESTIDFRSLAKQYFLDSQSLNLV
FDEASSGNVVSGKDAAFSVYQRPLNRKDVGKTI~~V~~VTGDKDRNSQLNKAAQ~~L~~NTQDGKSE
QFFSCVASPV~~S~~VQSTPFVENVPLSHISHIGSEDSEHLLALSHPRMDHVNNJLPFVHSQLIR
KPNELSLGLE~~D~~LVIPWT~~D~~LDLREKIGAGSFGTVYRGEWHGSDVAVKILTEQDFHPERVNEFL
REVAIMKS~~L~~RHENIVLFMGA~~V~~TKPPNLSIVTEYLSRGSLYRLLHKSGVKDIDE~~T~~RINMAFD
VAKGMNYLHPRD~~P~~PIVHR~~D~~LKSPNLLVDKKYTVKVCDFGLSR~~L~~KARTFLSSKSAAGTP~~E~~WMA
PEVLRDEPSNEKSDVY~~S~~FGVILWEIATLQ~~Q~~PWCNLP~~A~~QVVA~~A~~VGFKGKR~~L~~DIPRDVNPKLA
SLIVACWADEPWKRPSFSSIMETLKPM~~T~~KQAPPQ~~Q~~SRTDTLSVM

Fig. 2

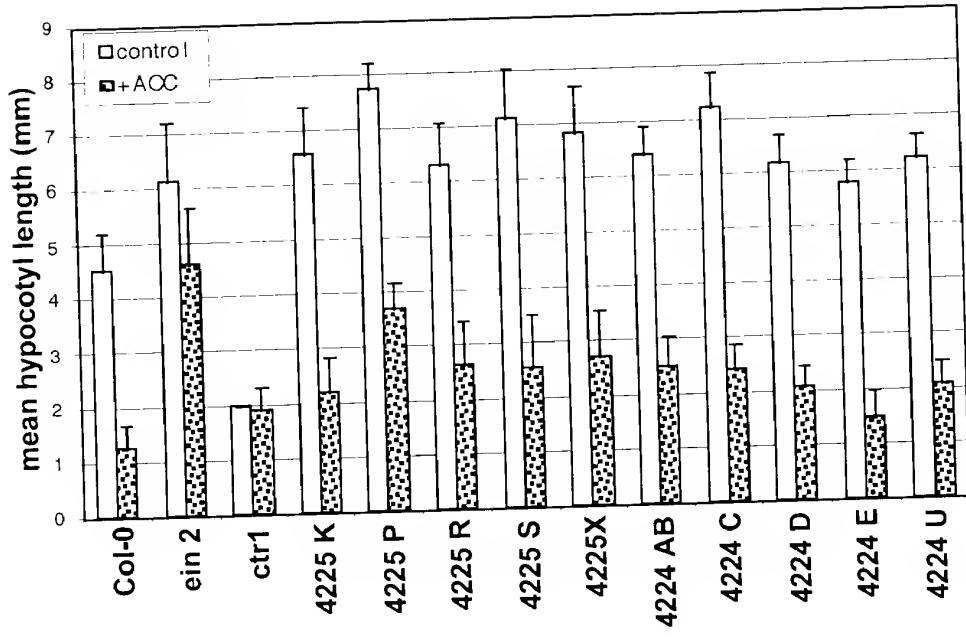


Fig. 3

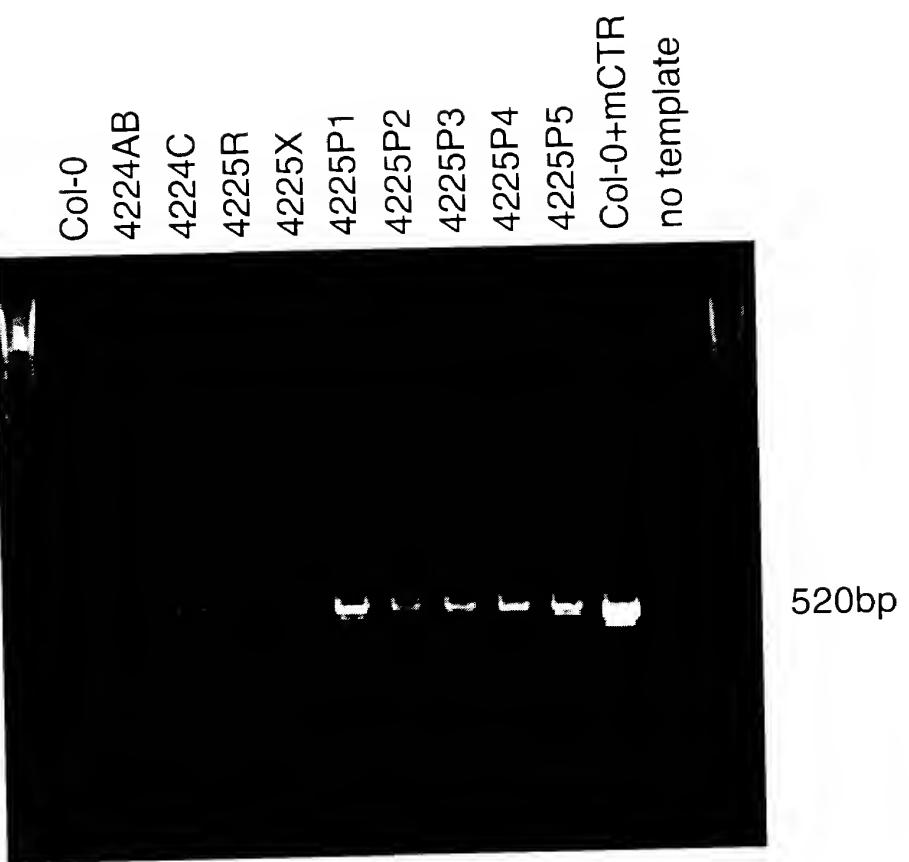
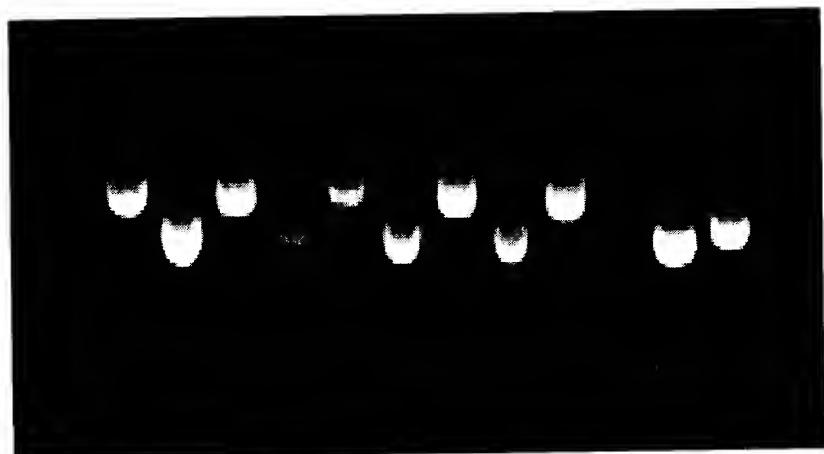


Fig. 4

4224AB 4225P 4225R 4225X Col-0
A C A C A C A C A C +controls



A= actin ; C= melonCTR

Fig. 5